



DayStar Digital, Inc. 5556 Atlanta Hwy., Flowery Branch, GA 30542, 404-967-2077

YOUR GUIDE TO MACINTOSH PERFORMANCE UPGRADES



If you want your Macintosh to explode with performance, then you need DayStar! We've been delivering Macintosh performance solutions since 1988. You can rest assured, along with 100,000 satisfied DayStar users, that your purchase will provide unparalleled quality and compatibility.

This catalog contains our most popular processor upgrades for PowerPC and 68040 performance. All DayStar products are designed to give you the maximum in performance and quality. We back all of our products with award-winning engineering, a solid warranty and excellent technical support. Make DayStar your performance choice.

UPGRADES for '040 DESKTOP MACS

PowerPro 601

This is the 'no compromise' choice for PowerPC performance. It not only significantly outperforms Apple's Power Macintosh Upgrade Card, the PowerPro 601 delivers speeds faster than Apple's Power Macintosh 8100.

The PowerPro 601 is far less expensive than purchasing a new Power Macintosh system, and it is the fastest PowerPC 601 upgrade available today, offering speeds up to 100 MHz.

The PowerPro 601 protects your investment in your "Desktop Mac." The PowerPro provides a built-in one megabyte secondary cache that allows your current machine to run at full Power Macintosh speed. Unlike a new Power Mac, the PowerPro 601 works with your existing memory, so there are no hidden costs. The PowerPro 601 simply plugs into the Quadra or Centris PDS expansion slot. You are up and running in minutes.

The PowerPro 601 offers you the best of both worlds by using PowerPC technology licensed from Apple, and by giving you the ability to switch to the motherboard 68040 for an extra level of compatibility not found with Apple's Power Macintosh computers.

The PowerPro 601 with RAM Expansion offers all of the features of the standard PowerPro 601 and four standard 72-pin SIMM connectors, allowing users to install up to 128 MB of additional system memory. This additional memory is simply added to the memory you already have, and it is available in either PowerPC or 68040 modes. Because it operates at superfast 64-bit speeds when memory is added, it's the ultimate in imaging acceleration!

PowerPro 601 System Requirements

- Apple® Macintosh® Quadra 610, 650, 700, 800, 900, 950, Centris 610, 650 (adapter required for the Quadra 610 and Centris 610).
- Requires System 7.5 or greater (not included)
- Options: RAM Expansion:
Available on PowerPro 601 with RAM Expansion only. Allows for up to 128 MB of 64-bit wide system memory expansion using standard 72-pin, 80ns SIMMs

Free Software

- DayStar's PowerPreview and PowerPC Plug-in for Adobe Photoshop,
KCMS extension accelerated for PowerPC

100 MHz PowerPro 601 (Centris 610 operates at 80 MHz) 001251

80 MHz PowerPro 601 w/RAM Exp. (Quadra & Centris 610 not supported) 000865

PowerPro 610 Adapter (for 100 MHz PowerPro only) 001312



PowerPro 601

Turbo 601

DayStar's new Turbo 601 provides full PowerPC performance and compatibility... it even provides faster performance for 68K based applications. MacUser Magazine says, "Turn your Mac IIci into a PowerPC screamer with the DayStar Turbo 601 upgrade." According to MacUser, the Turbo 601 is "a bargain" that runs "as much as 11 times as fast" as a Mac IIci without an upgrade.

The Turbo 601

works

with all

your

current

software,

because unlike

the Power Mac, it gives you the "best of both worlds." Just restart, and you can switch back to your 68030.

The Turbo 601 lets you maintain your investment in your "Desktop Mac." It's easy to install, and it works with all the PowerPC compatible cards in your current system. Just plug it into your PDS slot and you're PowerPC ready!

Turbo 601 System Requirements

- Apple® Macintosh® IIci, IIsi, IIvx, IIvi and Performa 600
- Requires Apple System 7.5 or greater (not included)
- Connects to the motherboard PDS connector
- IIsi version includes required adapter

Turbo 601 IIci version

66 MHz 001213

100 MHz 001220

Turbo 601 IIsi version

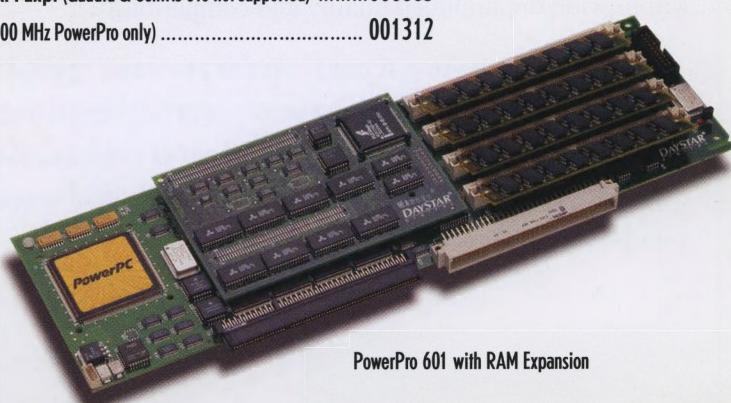
66 MHz 001305

100 MHz 001138

Turbo 601 IIvx, IIvi, P600 version

66 MHz 001275

100 MHz 001220



PowerPro 601 with RAM Expansion

**Plug
Info
to
Power**



TOP MACS

Turbo 040



If you want to get a real jump on performance, but don't want to have to buy new PowerPC ready applications, then the Turbo 040 is for you. Unlike a Power Macintosh, DayStar's Turbo 040 radically accelerates all your current software and doesn't require the purchase of new PowerPC versions of your applications. And when all your software is PowerPC ready, you have the option of upgrading to DayStar's PowerPC products. DayStar always protects your investment.

The Turbo 040 includes a built-in 128K cache that allows the card to run at full speed within your existing machine. It is available in models with or without a math chip, both of which provide Quadra 68040 or better performance at a fraction of the cost of a new machine.



Turbo 040

Note: the PowerCache 030 is also available for the '030 Desktop Macs.

Turbo 040 System Requirements

- Apple® Macintosh® SE/30, II, IIx, IIcx, IIci, IIvi, IIvx or Performa 600 (adapter required for the SE/30, II, IIx, IIcx and IIci). Note: Price includes free socket installation for the IIcx motherboard by DayStar.
- Supports Quadra compatible software and hardware
- Supports virtual memory

Turbo 040i

33 MHz-no FPU 000780

Turbo 040

40 MHz-with FPU 000797

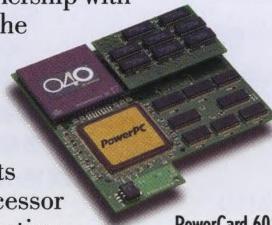


PowerCard 601

Developed in partnership with Apple Computer, the PowerCard 601 provides the best of both worlds for the entry level Mac. Its PowerPC 601 processor accelerates your native applications up to six times faster than your 68040 software, transparently. And because the PowerCard 601 allows you to switch back to your Macintosh's 68040 simply by restarting, you gain an extra level of flexibility not found with a new Power Macintosh.

The PowerCard 601 includes a 256K secondary cache that allows the card to run at full speed on your existing machine, even with the memory you already have. On the 605 and 470 series Macs the PowerCard runs at 50 MHz and on the 570 and 630 series Macs it operates at 66 MHz.

The PowerCard 601 is user installable in just a few minutes in your home or office. It includes a complete upgrade kit – everything you will need to install the card, from chip puller, to photo-illustrated manual backed by our top flight technical support.



PowerCard 601

PowerCard 601 System Requirements

- Apple® Macintosh® Performa, Quadra, and LC 470 series, 570 series, 605 and 630 series.
- Requires System 7.5 (included)

Free Software

- Apple System 7.5, ClarisWorks for PowerPC

PowerCard 601 001206

PowerCache 030

DayStar's PowerCache delivers big performance at a super low price. Today's applications require much more processing power to operate efficiently. The PowerCache is a cost effective way to deliver that power. This entry level upgrade puts the zip back in your Mac for just a few hundred dollars. And, its award-winning design is compatible with your software. No other accelerator offers greater compatibility.

Completely universal and transportable, the PowerCache supports over 20 Macs. Don't be misled by other low cost, low performance 68030 upgrades. The PowerCache combines a quick 68030 processor with a superfast RAM cache to accelerate a Mac LC up to 300% and a Mac Classic an amazing 1200%!

The PowerCache is easy to install. It includes a photo-illustrated manual and everything you need to be up and running in minutes.

PowerCache 030 System Requirements

- Apple® Macintosh® Classic, SE, SE/30, II, IIx, IIcx, IIsi, IIci, IIvi, IIvx, Color Classic, LC, LC II, LC III, LC520, or Performa 400, 405, 410, 430, 450, 600 (adapter required for all except IIci, IIvi, IIvx, Performa 600). Note: Price includes free socket installation for the IIcx motherboard by DayStar Digital.
- Supports virtual memory

PowerCache 030

50 MHz-no FPU P31UV-050

50 MHz-with FPU P31UV-M50



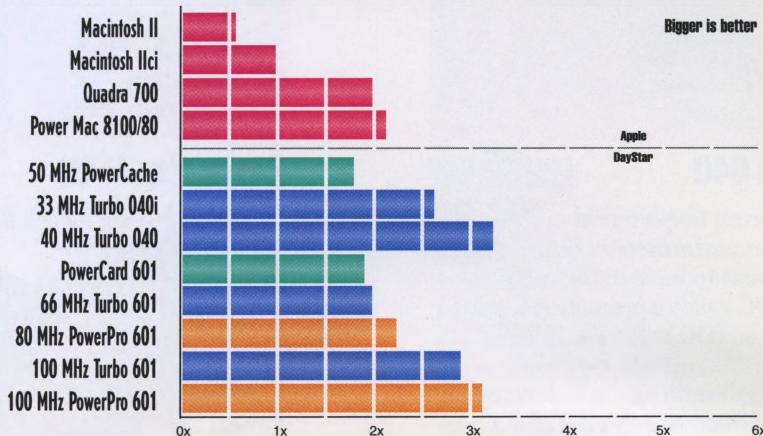
PowerCache 030

EVALUATING UPGRADE SPEEDS

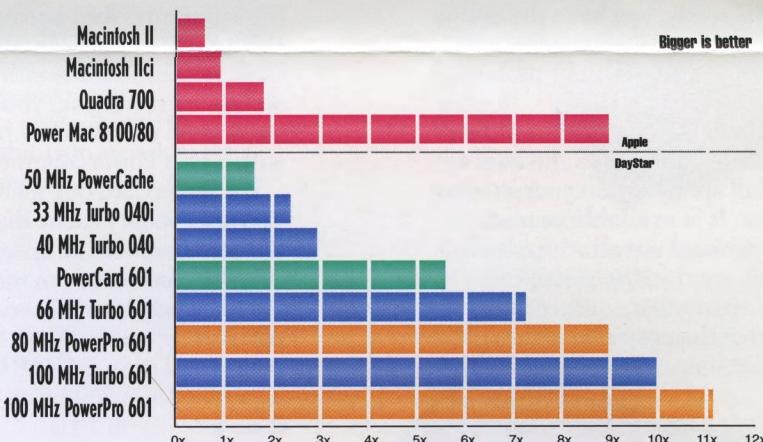
The benchmarks to the right represent real world results. We ran all of the various configurations in regular applications to give you a true representation of results you can expect.

We ran benchmarks with current 68040 only applications and also benchmarked new PowerPC ready applications (bottom chart). All speeds are relative to a standard Mac IIci without any acceleration.

Times Faster Running current 68040 applications
(PowerPC running in emulation)



Times Faster Running new PowerPC applications



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THE FACTS

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3. Enter your fax number and extension.

Product Sheets Doc #

| | |
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| PowerCard 601 | 4007 |
| PowerPro 601 | 4006 |
| Turbo 601 | 4008 |
| Turbo 040 | 4001 |
| PowerCache | 3001 |
| Charger Family | 2001 |
| ColorMatch Family | 2013 |
| FastCache Quadra | 3006 |
| PhotoMatic | 2015 |

Purchasing Info Doc #

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News Releases Doc #

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Misc. Information Doc #

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| Getting Color Matched | 9001 |
| KCMS Profiles | 9017 |
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| MachHOME Journal Reviews | |
| PowerCard 601 | 9018 |
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| MacUser Reviews | 9020 |
| Turbo 601, PowerCard 601, PowerPro 601 | |



For additional sales information call 800-962-2077

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